

ENERGY CONTROL SYSTEM SUPERVISOR

NATURE AND PURPOSE OF WORK

Position is primarily responsible for the continuous centralized control of the electric, water and waste water utility system. Incumbent reports to the Energy Control and Metering Supervisor, and has supervisory responsibility for a staff of E.C.S. Operators, System Engineers and Technicians.

ILLUSTRATIVE EXAMPLES OF WORK (NOTE: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Oversees and participates in the installation, maintenance and operation of hardware and software of the centralized electric, water and waste water utility control system. Interprets utility policies and operating methods and develops specific E.C.S. procedures. Develops E.C.S. Operator training methods and evaluates their performance.

Participates in the design of E.C.S. additions and or modifications; coordinates transmission outages with other utilities; manages energy accounting and reporting; consults with technical representatives of large customers to improve reliability. Establishes or changes switching procedures.

May schedule generating unit operation according to power demand and establish guidelines for short term power transaction.

Performs related work as required.

NECESSARY KNOWLEDGE, ABILITIES AND SKILLS

Thorough knowledge of the Lafayette Utility System's participation in electric power transmission, sales and purchase agreements, the economics of these and options available.

Thorough knowledge of the hardware, software and operating principles of the Energy Control System.

Thorough knowledge of electric distribution and transmission facilities and characteristics.

Knowledge of N.E.R.C. and S.P.P.

Knowledge of the water distribution system characteristics.

Knowledge of the waste water collection system characteristics.

Ability to understand and operate the computer terminal and mass storage device.

Ability to understand and operate the electronic map board and chart recorders.

Ability to communicate and work effectively with the public, employees of the City and of other Utilities.

DESIRABLE QUALIFICATIONS

Baccalaureate degree in Electrical Engineering and significant experience in the centralized control of electric power generation, transmission, switching and distribution, or an equivalent combination of training and experience.